

What is claimed is:

[Claim 1] A hollow, cylindrical-shaped bottle having an open-ended mouth-forming portion, an intermediate body-forming portion and a closed, hemispherical-shaped base-forming portion.

[Claim 2] A bottle as defined in claim 1 wherein said body-forming portion has constant outer and constant inner diameters for improved heat distribution during shrink sleeve application.

[Claim 3] A bottle as defined in claim 2 wherein said body-forming, base-forming and mouth forming portions have a minimum wall thickness of 1.5mm and maximum wall thickness of 4mm for increased stress resistance, increased heat resistance and increased oxygen barrier.

[Claim 4] A bottle as defined in claim 3 wherein said mouth-forming portion comprises a polygonal-shaped flange perpendicular to the plane of the body-forming portion and where each isometric outside surface of the flange is substantially straight and used for holding and stabilizing said bottle during processing.